

Form PTO 918 (Rev. 06/00)
Application No. 10/520937

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 4/25/06

are:

- A. ☐ Approved by the Draftsperson under 37 CFR 1.84 and 1.12.
B. ☒ Objected to by the Draftsperson under 37 CFR 1.84 or 1.12 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a). Acceptable
characteristics of drawings: Black ink on
color (if color is required).

Color drawing paper not acceptable until permission is
granted. Fig(s)

Pencil and non black ink not permitted. Fig(s)

2. PHOTOGRAPHS. 37 CFR 1.84(b).

One (1) full frame is required. Fig(s)

Photographs may not be mounted. 37 CFR 1.84(c).

Photographs must meet paper size requirements of

37 CFR 1.84(b). Fig(s)

Poor quality (half-tone). Fig(s)

3. TYPE OF PAPER. 37 CFR 1.84(d).

Paper not flexible, strong, white, and durable.

Fig(s)

✓ Drawing attention, overwritings, interlineations,
marks, copy machine marks not accepted.

Fig(s)

4. SIZE OF PAPER. 37 CFR 1.84(f). Acceptable

sizes:

21.0 cm by 29.7 cm (DIN size A4) or

21.6 cm by 27.9 cm (8 1/2 x 11 inches)

All drawing sheets not the same size.

Sheet(s)

Drawing sheet not an acceptable size. Fig(s)

5. MARGINS. 37 CFR 1.84(g). Acceptable margins:

Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm.

Margins not acceptable. Fig(s)

Top (T)

Left (L)

Right (R)

Bottom (B)

6. VIEWS. 37 CFR 1.84(h).

REMARKS: Specification may require revision to

conform to drawing changes, e.g., if Fig. 1 is

changed to Fig. 1A, Fig. 1B and Fig. 1C, etc., the

specification, at the latest, description of the drawings

must likewise be changed.

Views not labeled separately or properly.

Fig(s)

7. SECTIONAL VIEWS. 37 CFR 1.84(i)(3).

Sectional designation should be noted with

Arabic or Roman numerals. Fig(s)

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(j).

Views do not appear on a horizontal, left-to-right

sequence when page is either upright or turned so

that the top becomes the right side, except for

graphs. Fig(s)

9. SCALE. 37 CFR 1.84(k).

Scale not large enough to show mechanism

without crowding when drawing is reduced to

size to two thirds its reproduction.

Fig(s)

10. CHARACTER OF LINES, NUMBERS, &

LETTERS. 37 CFR 1.84(l).

✓ Lines, numbers & letters not uniformly thick and

well defined, clean, durable, and black (best line

quality). Fig(s)

11. SHADING. 37 CFR 1.84(m).

Solid black areas pale. Fig(s)

Solid black shading not permitted. Fig(s)

12. NUMBERS, LETTERS, & REFERENCE

CHARACTERS. 37 CFR 1.84(n).

Numbers and reference characters not plain and

legible. Fig(s)

Figure legends are poor. Fig(s)

Numbers and reference characters not oriented in

the same direction as the view. 37 CFR 1.84(n)(1).

Fig(s)

English alphabet not used. 37 CFR 1.84(n)(2).

Fig(s)

Numbers, letters and reference characters must be

at least 32 cm (1/8 inch) in height. 37 CFR

1.84(n)(3). Fig(s)

13. LEAD LINES. 37 CFR 1.84(o).

Lead lines missing. Fig(s)

14. NUMBERING OF SHEETS OF DRAWINGS.

37 CFR 1.84(p).

Sheets not numbered consecutively, and in Arabic

numbers beginning with number 1. Sheet(s)

15. NUMBERING OF VIEWS. 37 CFR 1.84(q).

Views not numbered consecutively, and in Arabic

numbers, beginning with number 1. Fig(s)

16. DESIGN DRAWINGS. 37 CFR 1.132.

Surface shading shown not appropriate.

Fig(s)

Solid black surface shading is not permitted except

when used to represent the color black as well as

color contrast. Fig(s)

COMMENTS:

Remove circles around numerals and
ex transpous matter
Fig 5, 1 + 2

Reviewer

DBR

If you have questions, call (703) 305-5404

Date

6/20/06

Attachment to Paper No.

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